# Measurement: Units & Conversion: Hard Practice Paper 5 Answers

| Q# | Answer | Explanation |
|---|---|---|
| 1 | C | One tonne is 1,000 kg, so 0.45 tonnes is 0.45 × 1,000 = 450 kg. |
| 2 | B | From 13:47 to 17:47 is 4 hours, and 45 more minutes takes you to 18:32. |
| 3 | C | Speed is distance divided by time: 315 ÷ 3.5 = 90 km/h. |
| 4 | D | 4.5 litres is 4,500 ml, and 4,500 ÷ 250 = 18 cartons. |
| 5 | C | In centimetres the table is 300 cm by 120 cm, so the area is 300 × 120 = 36,000 cm². |
| 6 | C | Multiply the area by the amount per square metre: 8.4 × 5 = 42 kg. |
| 7 | B | 12 km is 12,000 m, and 12,000 ÷ 800 = 15 laps. |
| 8 | B | Three quarters of £4.80: half is £2.40 and a quarter is £1.20, so 0.75 kg costs £3.60. |
| 9 | D | Divide the amount by the rate: 250 ÷ 12.5 = 20 hours. |
| 10 | B | Divide by 10,000: 60,000 ÷ 10,000 = 6 m². |
| 11 | C | 1 hour 45 minutes is 1.75 hours, and 21 ÷ 1.75 = 12 km/h. |
| 12 | C | Adding 6 hours gives 11:35, and 55 more minutes gives 12:30. |
| 13 | C | Divide by 1.6: 42 ÷ 1.6 = 26.25, which is about 26 miles. |
| 14 | C | The total is 24 × 375 = 9,000 g, and 9,000 ÷ 1,000 = 9 kg. |
| 15 | C | 2.4 m is 240 cm, and 240 ÷ 3 = 80 books. |

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